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United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

**Veterinary
Services**

Hyattsville, Md.

Veterinary Biological Products

Licensees and
Permittees

January 1984

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U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Veterinary Services
6505 Belcrest Road
Hyattsville, Maryland 20782

Issued January 1984

INTRODUCTION

This publication contains lists of licensed establishments, licensees, and permittees with their subsidiaries and divisions, as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by licensee number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

An index of product components has been added which lists by page number each antigenic fraction. The fraction reference may appear in more than one section; for example, distemper appears in vaccines, antiserums, and vaccines with bacterin/toxoids.

Under the listing of licensed biological products, the principal part of the true names are underlined, and each product is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each "Outline of Production" filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphameric system used for product codes provides for a six digit number or letter to be assigned to each product, i.e., the first digit denotes product type; second and third, grouping by agents; fourth, the viability of the product (live, kiled, modified live, etc.); fifth, substrate; and sixth, miscellaneous variables.

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ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
A M BIO TECHNIQUES INC	292
AFFILIATED LABORATORIES	225
AGRI-BIO CORPORATION	269
AGRI-MART DIVISION	272
AMBICO, INC.	281
AMERICAN HOME PRODUCTS CORPORATION	112 112A 112B 112C
AMERICAN SCIENTIFIC LABORATORIES	165A 165B
AMERICANA LABORATORIES, INC.	188
ANCHOR LABORATORIES, INC.	124
ANIMAL HEALTH DIVISION	107
BARRY LABORATORIES, INC.	283
BAYVET	52
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BIO-CEUTIC LABORATORIES, INC.	124
BIOLOGICS CORPORATION	272
BIOLOGICS PRODUCTION, INC.	240
BIOMED RESEARCH LABORATORIES, INC.	285
BIONETICS LABORATORY PRODUCTS	293
BURNS BIOTEC LABORATORIES, INC	165B
BURNS-BIOTEC LABORATORIES, INC.	165A
BURROUGHS WELLCOME CO.	107
CENTER LABORATORIES	259
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COLORADO SERUM COMPANY	188
CONNAUGHT ANIMAL HEALTH	287
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CONNAUGHT LABORATORIES, INC.	287
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COOPER DIVISION	107
CUSTOM BIOLOGICS, INC.	272
DARYL LABORATORIES INC	299
DEKALB AG RESEARCH, INC.	271

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188
DEXTER CORPORATION, THE	245
DIAMOND LABORATORIES, INC.	213
DOUGLAS INDUSTRIES, INC	165B
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DYNASCIENCES CORPORATION	278
EM INDUSTRIES, INCORPORATED	259
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112 112A 112B
FORT DODGE LABORATORIES, INC. (IOWA)	112C
FORT DODGE LABORATORIES, INC. (TEXAS)	112C
FRANKLIN LABORATORIES INC.	112C
FRANKLIN LABORATORIES, INC.	112 112A 112B
FROMM LABORATORIES, INC.	195 195A
GIBCO DIVISION	245
GREENBRIAR VETERINARY SERVICES, INC	297
GREER LABORATORIES, INC.	294
HOLLISTER-STIER	52A
INTER-CONTINENTAL BIOLOGICS INC.	286
INTERNATIONAL, INC.	188
INVENEX VETERINARY LABORATORIES	245
JACKSON BIOLOGICS, INC.	288
JENSEN-SALSBERY LABORATORIES	107
JOHNSON & JOHNSON	264
KEEVET LABORATORIES	280
LITTON BIONETICS, INC	293
LONG ISLAND DUCK RESEARCH COOP., INC.	268
M.A. BIOPRODUCTS	278
MAINE BIOLOGICAL LABORATORIES, INC.	240
MALLINCKRODT, INC.	295
MEDATZ INC.	196
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
MERCK SHARP & DOHME INTERNATIONAL	3
MERIEUX LABORATORIES, INC.	298
METROPOLITAN MEDICAL COMPANY	188
MILES LABORATORIES, INC.	52 52A 270
MILES PHARMACEUTICALS	270
MOLECULAR GENETICS, INC	284
MYZON LABORATORIES, INC.	213
NORDEN LABORATORIES	189
PET VACCINES	272
PHILIPS ROXANE, INC.	124
PITMAN-MOORE, INC.	264
PROFESSIONAL BIOLOGICAL COMPANY	188
RAGLAND RESEARCH, INC	289
RIBI IMMUNOCHEM RESEARCH, INC.	300
ROLYNN LABORATORIES, INC	165B
SALSBURY LABORATORIES, INC.	195 195A
SCHERING CORP.	165A 165B
SCHERING VETERINARY	165A 165B
SCIENTIFIC LABORATORIES, INC.	188
SELECT LABORATORIES, INC.	279
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SMITHKLINE BECKMAN CORPORATION	189
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG, INC.	226 226A
STERWIN LABORATORIES, INC.	226 226A
SYNTEX (U.S.A.), INC.	213
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264
TEXAS VET LAB INC	290
TRANS-WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED VETERINARY LABORATORIES	245
UNIVERSAL LABORATORIES, INC.	188
UNIVERSITY LABORATORIES, INC.	291

ALPHABETICAL LISTING
 LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
VINELAND LABORATORIES	196
WELLCOME ANIMAL HEALTH DIVISION	107
WELLCOME VACCINES DIVISION	107
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112 112A 112B 112C
WYETH VETERINARY PRODUCTS, INC.	112 112A 112B 112C

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

MERCK & COMPANY, INC.	3
DIVISIONS:	
MERCK CHEMICAL DIVISION	
MERCK SHARP & DOHME INTERNATIONAL	
MAIL:	MERCK SHARP & DOHME
	DIVISION OF MERCK & CO., INC.
	WEST POINT, PA 19486
MILES LABORATORIES, INC.	52
DIVISIONS:	
BAYVET	
MAIL:	BAYVET DIVISION
	MILES LABORATORIES, INC.
	P. O. BOX 390
	SHAWNEE MISSION, KS 66201
MILES LABORATORIES, INC.	52A
DIVISIONS:	
HOLLISTER-STIER	
MAIL:	HOLLISTER-STIER
	DIV OF MILES LABORATORIES INC
	P O BOX 3145
	SPOKANE, WA 99220-3153
BURROUGHS WELLCOME CO.	107
DIVISIONS:	
JENSEN-SALSBERY LABORATORIES	
WELLCOME VACCINES DIVISION	
ANIMAL HEALTH DIVISION	
WELLCOME ANIMAL HEALTH DIVISION	
COOPER DIVISION	
MAIL:	WELLCOME ANIMAL HEALTH DIVISION
	BURROUGHS WELLCOME CO.
	520 WEST 21ST STREET
	KANSAS CITY, MO 64108
AMERICAN HOME PRODUCTS CORPORATION	112
SUBSIDIARIES:	
WYETH VETERINARY PRODUCTS, INC.	
WYETH INTERNATIONAL LIMITED	
FRANKLIN LABORATORIES, INC.	
FORT DODGE LABORATORIES, INC.	
MAIL:	FORT DODGE LABORATORIES, INC.
	FORT DODGE, IA 50501
AMERICAN HOME PRODUCTS CORPORATION	112A
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	FRANKLIN LABORATORIES, INC.
	P.O. BOX 669
	AMARILLO, TX 79105
AMERICAN HOME PRODUCTS CORPORATION	112B
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	WYETH LABORATORIES, INC.
	WASP & BIDDLE STREETS
	MARIETTA, PA 17547

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

AMERICAN HOME PRODUCTS CORPORATION 112C
SUBSIDIARIES:
FORT DODGE LABORATORIES, INC. (IOWA)
FORT DODGE LABORATORIES, INC. (TEXAS)
FRANKLIN LABORATORIES INC.
WYETH INTERNATIONAL LIMITED
WYETH VETERINARY PRODUCTS, INC.
MAIL: FORT DODGE LABORATORIES, INC.
2114 SOUTH FIRST STREET
TEMPLE, TX 76501

PHILIPS ROXANE, INC. 124
DIVISIONS:
BIO-CEUTIC LABORATORIES, INC.
ANCHOR LABORATORIES, INC.
MAIL: PHILIPS ROXANE, INC.
2621 NORTH BELT HIGHWAY
ST. JOSEPH, MO 64502

SCHERING CORP. 165A
SUBSIDIARIES:
BURNS-BIOTEC LABORATORIES, INC.
DIVISIONS:
SCHERING VETERINARY
AMERICAN SCIENTIFIC LABORATORIES
CONTINENTAL ANIMAL HEALTH
MAIL: BURNS-BIOTEC LABORATORIES, INC.
P.O. BOX 3113
OMAHA, NE 68103 U.S.A.

SCHERING CORP. 165B
SUBSIDIARIES:
DOUGLAS INDUSTRIES, INC.
ROLYNN LABORATORIES, INC.
BURNS BIOTEC LABORATORIES, INC.
DIVISIONS:
AMERICAN SCIENTIFIC LABORATORIES
CONTINENTAL ANIMAL HEALTH
SCHERING VETERINARY
MAIL: DOUGLAS INDUSTRIES, INC.
8906 ROSEHILL ROAD
LENEXA, KS 66215

COLORADO SERUM COMPANY 188
SUBSIDIARIES:
AMERICAN LABORATORIES, INC.
CONTINENTAL PHARMACAL COMPANY
DENVER COLORADO LABORATORIES, INC.
EMPIRE VETERINARY COMPANY
INTERNATIONAL, INC.
METROPOLITAN MEDICAL COMPANY
PROFESSIONAL BIOLOGICAL COMPANY
SCIENTIFIC LABORATORIES, INC.
UNIVERSAL LABORATORIES, INC.
MAIL: COLORADO SERUM COMPANY
4950 YORK STREET
DENVER, CO 80216

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

SMITHKLINE BECKMAN CORPORATION SUBSIDIARIES: NORDEN LABORATORIES DIVISIONS: SMITHKLINE ANIMAL HEALTH PRODUCTS MAIL: NORDEN LABORATORIES P.O. BOX 80809 LINCOLN, NE 68501	189
SALSBURY LABORATORIES, INC. SUBSIDIARIES: FROMM LABORATORIES, INC. MAIL: SALSBURY LABORATORIES, INC. 2000 ROCKFORD ROAD CHARLES CITY, IA 50616	195
SALSBURY LABORATORIES, INC. SUBSIDIARIES: FROMM LABORATORIES, INC. MAIL: FROMM LABORATORIES, INC. 703 LAKE SHORE ROAD GRAFTON, WI 53024	195A
MEDATZ INC. DIVISIONS: VINELAND LABORATORIES MAIL: VINELAND LABORATORIES 2285 EAST LANDIS AVENUE VINELAND, NJ 08360	196
SYNTEX (U.S.A.), INC. SUBSIDIARIES: SYNTEX AGRIBUSINESS, INC. DIAMOND LABORATORIES, INC. MYZON LABORATORIES, INC. SOUTHWESTERN LABORATORIES, INC. TRANS-WORLD LABORATORIES, INC. MAIL: SYNTEX (U.S.A.), INC. P.O. BOX 863 DES MOINES, IA 50304	213
BEECHAM, INC. SUBSIDIARIES: AFFILIATED LABORATORIES DIVISIONS: BEECHAM LABORATORIES MAIL: BEECHAM LABORATORIES P.O. BOX 221 WHITE HALL, IL 62092	225
STERLING DRUG, INC. SUBSIDIARIES: STERWIN LABORATORIES, INC. MAIL: STERWIN LABORATORIES, INC. P.O. BOX 537 MILLSBORO, DE 19966	226

NUMERICAL LISTING
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LICENSE NUMBER

STERLING DRUG, INC. SUBSIDIARIES: MAIL: STERWIN LABORATORIES, INC. STERWIN LABORATORIES, INC. P.O. BOX 999 OPELIKA, AL 36801	226A
MAINE BIOLOGICAL LABORATORIES, INC. SUBSIDIARIES: MAIL: BIOLOGICS PRODUCTION, INC. MAINE BIOLOGICAL LABORATORIES P.O. BOX 255 WATERVILLE, ME 04901	240
CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES, INC. P.O. BOX 6 BERLIN, MD 21811	243
CEVA LABORATORIES, INC. MAIL: CEVA LABORATORIES, INC. 12300 SANTA FE DRIVE LENEXA, KS 66215	243A
DEXTER CORPORATION, THE DIVISIONS: INVENEX VETERINARY LABORATORIES UNITED VETERINARY LABORATORIES GIBCO DIVISION MAIL: INVENEX VETERINARY LABORATORIES P.O. BOX 37 MIDDLETON, WI 53562	245
EM INDUSTRIES, INCORPORATED DIVISIONS: MAIL: CENTER LABORATORIES CENTER LABORATORIES 35 CHANNEL DRIVE PORT WASHINGTON, NY 11050	259
JOHNSON & JOHNSON SUBSIDIARIES: MAIL: PITMAN-MOORE, INC. DIVISIONS: TAVOLEK, INC. PITMAN-MOORE, INC. P.O. BOX 344 WASHINGTON CROSSING, NJ 08560	264
LONG ISLAND DUCK RESEARCH COOP., INC. MAIL: LONG ISLAND DUCK RESEARCH COOP. OLD COUNTRY ROAD P.O. BOX 217 EASTPORT, NY 11941	268
AGRI-BIO CORPORATION MAIL: AGRI-BIO CORPORATION P.O. BOX 897 GAINESVILLE, GA 30503	269

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

<p>MILES LABORATORIES, INC. DIVISIONS: MAIL: MILES PHARMACEUTICALS MILES PHARMACEUTICALS DIVISION OF MILES LABS, INC. 400 MORGAN LANE WEST HAVEN, CT 06516</p>	270
<p>DEKALB AG RESEARCH, INC. MAIL: DEKALB AG RESEARCH, INC. SYCAMORE ROAD DEKALB, IL 60115</p>	271
<p>BIOLOGICS CORPORATION DIVISIONS: AGRI-MART DIVISION CUSTOM BIOLOGICS, INC. DELLEN LABORATORIES, INC. DURVET LABORATORIES PET VACCINES MAIL: BIOLOGICS CORPORATION 2720 NORTH 84TH STREET OMAHA, NE 68134</p>	272
<p>TRI-BIO LABORATORIES, INC. MAIL: TRI-BIO LABORATORIES, INC. 1400 FOX HILL ROAD STATE COLLEGE, PA 16801</p>	275
<p>WILDLIFE VACCINES, INC. MAIL: WILDLIFE VACCINES, INC. 11475 W. 48TH AVENUE WHEAT RIDGE, CO 80033</p>	277
<p>DYNASCIENCES CORPORATION DIVISIONS: M.A. BIOPRODUCTS MAIL: M.A. BIOPRODUCTS BUILDING 100, BIGGS FORD ROAD WALKERSVILLE, MD 21793</p>	278
<p>SELECT LABORATORIES, INC. MAIL: SELECT LABORATORIES, INC. GAINESVILLE, GA 30501</p>	279
<p>KEEVET LABORATORIES MAIL: KEEVET LABORATORIES P.O. BOX 1706 ANNISTON, AL 36202</p>	280
<p>AMBICO, INC. MAIL: AMBICO, INC. ROUTE 2, P.O. BOX M DALLAS CENTER, IA 50063</p>	281
<p>BARRY LABORATORIES, INC. MAIL: BARRY LABORATORIES, INC. 461 NORTHEAST 27TH STREET POMPANO BEACH, FL 33064</p>	283

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

<p>MOLECULAR GENETICS, INC MAIL: MOLECULAR GENETICS, INC 10320 BREN ROAD EAST MINNETONKA, MN 55343</p>	284
<p>BIOMED RESEARCH LABORATORIES, INC. MAIL: BIOMED RESEARCH LABORATORIES, INC 1115 EAST PIKE STREET SEATTLE, WA 98122</p>	285
<p>INTER-CONTINENTAL BIOLOGICS INC. MAIL: INTER-CONTINENTAL BIOLOGICS INC. P.O. BOX 318 MILLSBORO, DE 19966</p>	286
<p>CONNAUGHT LABORATORIES, INC. DIVISIONS: MAIL: CONNAUGHT ANIMAL HEALTH CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA 18370</p>	287
<p>JACKSON BIOLOGICS, INC. MAIL: JACKSON BIOLOGICS, INC. 1101 WEST 56 HIGHWAY OLATHE, KS 66061</p>	288
<p>RAGLAND RESEARCH, INC MAIL: RAGLAND RESEARCH, INC 119 ROWE ROAD ATHENS, GA 30601</p>	289
<p>TEXAS VET LAB INC MAIL: TEXAS VET LAB INC 1202 NORTH BELL STREET SAN ANGELO, TX, 76903</p>	290
<p>UNIVERSITY LABORATORIES, INC. MAIL: UNIVERSITY LABORATORIES, INC. 810 NORTH SECOND AVENUE HIGHLAND PARK, NJ 08904</p>	291
<p>A M BIO TECHNIQUES INC MAIL: 212 EAST CENTRAL BELTON, TX 76513</p>	292
<p>LITTON BIONETICS, INC DIVISIONS: MAIL: BIONETICS LABORATORY PRODUCTS LITTON BIONETICS, INC 5516 NICHOLSON LANE KENSINGTON, MD 20895</p>	293
<p>GREER LABORATORIES, INC. MAIL: GREER LABORATORIES INC P O BOX 800 LENOIR, NC 28645</p>	294

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

<p>MALLINCKRODT, INC. MAIL: MALLINCKRODT, INC. P O BOX 5840 675 MCDONNELL BLVD ST LOUIS, MO 63134</p>	295
<p>CONNAUGHT LABORATORIES (PERMITTEE) MAIL: SWIFTWATER, PA 18370</p>	296
<p>GREENBRIAR VETERINARY SERVICES, INC MAIL: G.V.S. INC 6040 DUBLIN ROAD DELAWARE, OH 43015</p>	297
<p>MERIEUX LABORATORIES, INC. MAIL: MERIEUX LABORATORIES, INC. 117 ROWE ROAD ATHENS, GA 30601</p>	298
<p>DARYL LABORATORIES INC MAIL: DARYL LABORATORIES INC 2220 MARTIN AVE. SANTA CLARA, CA 95050</p>	299
<p>RIBI IMMUNOCHEM RESEARCH, INC. MAIL: RIBI IMMUNOCHEM RESEARCH, INC. P O BOX 1409 HAMILTON, MT 59840</p>	300

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
<u>ANAPLASMOSIS VACCINE</u>					
1005.50	KILLED	112			
<u>ANTHRAX SPORE VACCINE</u>					
1011.00	LIVE CULTURE	52	107	188	
<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>					
1051.10	LIVE VIRUS	195	196		
1051.11	LIVE VIRUS	195 269	196 286	226	243
1055.10	KILLED VIRUS	240			
<u>AVIAN ENCEPHALOMYELITIS-FOWL POX VACCINE</u>					
1041.10	LIVE VIRUS	195	196	226	243
<u>AVIAN REOVIRUS VACCINE</u>					
1045.00	KILLED VIRUS	240	286		
1045.20	KILLED VIRUS	298			
<u>BLUETONGUE VACCINE</u>					
1061.00	MODIFIED LIVE VIRUS	188			
<u>BORDETELLA BRONCHISEPTICA VACCINE</u>					
1081.00	AVIRULENT LIVE CULTURE	165A			
1081.01	AVIRULENT LIVE CULTURE	124			
<u>BOVINE RHINOTRACHEITIS VACCINE</u>					
1101.00	MODIFIED LIVE VIRUS	107 264	188	213	243A
1101.01	MODIFIED LIVE VIRUS	52	107	225	
1101.20	MODIFIED LIVE VIRUS	124	189	272	

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
1105.20	KILLED VIRUS	272			

BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE

1121.00	MODIFIED LIVE VIRUS	107 243A	188 264	213	225
1121.01	MODIFIED LIVE VIRUS	264			
1121.20	MODIFIED LIVE VIRUS	124	189	225	272
1121.21	MODIFIED LIVE VIRUS	189			
1121.31	MODIFIED LIVE VIRUS	52			
1125.00	KILLED VIRUS	112			
1125.20	KILLED VIRUS	112			

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE

1151.00	MODIFIED LIVE VIRUS	52 264	188	213	243A
1151.01	MODIFIED LIVE VIRUS	243A			
1151.20	MODIFIED LIVE VIRUS	189	272		
1151.30	MODIFIED LIVE VIRUS	124	189		

BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE

1171.00	MODIFIED LIVE VIRUS	188	213	243A	264
1171.01	MODIFIED LIVE VIRUS	264			
1171.20	MODIFIED LIVE VIRUS	189	272		
1171.30	MODIFIED LIVE VIRUS	52	124	189	
1175.20	KILLED VIRUS	112			

BOVINE ROTA-CORONAVIRUS VACCINE

1931.20	MODIFIED LIVE VIRUS	189
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BOVINE VIRUS DIARRHEA VACCINE

1201.00	MODIFIED LIVE VIRUS	124 243A	188 264	189	213
1201.20	MODIFIED LIVE VIRUS	189 272			

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
1205.20	KILLED VIRUS	112	272		
<u>BRONCHITIS VACCINE</u>					
1231.11	MASS TYPE, LIVE VIRUS	195 286	196	226	240
1231.12	MASS TYPE, LIVE VIRUS	195 243	196 286	226	240
1231.14	MASS & CONN TYPES, LIVE VIRUS	243	279	286	
1231.15	CONN TYPE, LIVE VIRUS	286			
1231.18	MASS TYPE, LIVE VIRUS	196	226	286	
1231.19	JMK TYPE, LIVE VIRUS	195	286		
1231.20	ARKANSAS TYPE, LIVE VIRUS	226	243	286	
1232.10	MASS TYPE, LIVE VIRUS	279			
<u>BRUCELLA ABORTUS VACCINE</u>					
1251.00	STRAIN 19, LIVE CULTURE	52	107	188	
1251.01	STRAIN 19, LIVE CULTURE	188			
1251.02	STRAIN 19, LIVE CULTURE, REDUCED DOSE	107	188		
<u>BURSAL DISEASE VACCINE</u>					
1271.00	LIVE VIRUS	196	269		
1271.01	LIVE VIRUS	269			
1271.10	LIVE VIRUS	195	226	243	
1271.11	MODIFIED LIVE VIRUS	226			
1271.12	LIVE VIRUS	195	286		
1271.13	LIVE VIRUS, CELL ASSOCIATED	279			
1275.00	KILLED VIRUS	195	196	269	
1275.10	KILLED VIRUS	196	240	286	
<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>					
1288.40	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED, COMBINATION PACKAGE	226			
1288.41	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL FREE, COMBINATION PACKAGE	226			

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
1288.42	LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	279
<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE</u>		
1265.10	KILLED VIRUS	240 286
1265.40	KILLED VIRUS	195 196 269
<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE</u>		
1265.20	KILLED VIRUS	272
1217.20	MODIFIED LIVE & KILLED VIRUS	272
<u>CANINE CORONA-PARVOVIRUS VACCINE</u>		
14R1.20	MODIFIED LIVE VIRUS	112C
<u>CANINE CORONAVIRUS VACCINE</u>		
14P1.20	MODIFIED LIVE VIRUS	112C
<u>CANINE DISTEMPER VACCINE</u>		
1301.00	MODIFIED LIVE VIRUS	107 195A
1301.01	MODIFIED LIVE VIRUS	107
1301.09	MODIFIED LIVE VIRUS	195A
1301.20	MODIFIED LIVE VIRUS	107 124 189 264
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE</u>		
13A1.20	MODIFIED LIVE VIRUS	189
13A1.30	MODIFIED LIVE VIRUS	195A
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA VACCINE</u>		
1449.20	MODIFIED LIVE & KILLED VIRUS	272

*** VACCINES AND VIRUSES

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
HEPATITIS-PARAINFLUENZA-PARVOVIRUS
VACCINE~~

1377.20 MODIFIED LIVE & KILLED VIRUS 272

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
HEPATITIS-PARAINFLUENZA VACCINE~~

1341.20 MODIFIED LIVE VIRUS 189

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
PARAINFLUENZA VACCINE~~

13C1.20 MODIFIED LIVE VIRUS 107 189

13C1.30 MODIFIED LIVE VIRUS 195A

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
PARAINFLUENZA-PARVOVIRUS VACCINE~~

1301.20 MODIFIED LIVE VIRUS 189

1301.30 MODIFIED LIVE VIRUS 195A

1301.31 MODIFIED LIVE VIRUS 195A

1309.00 MODIFIED LIVE & KILLED VIRUS,
COMBINATION PACKAGE 189

1309.20 MODIFIED LIVE & KILLED VIRUS 107

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
PARVOVIRUS VACCINE~~

1331.30 MODIFIED LIVE VIRUS 195A

~~CANINE DISTEMPER-HEPATITIS VACCINE~~

1311.00 MODIFIED LIVE VIRUS 107 112 243A

1311.01 MODIFIED LIVE VIRUS 107

1311.20 MODIFIED LIVE VIRUS 107 112C 124 189
225 245 264 272

1311.30 MODIFIED LIVE VIRUS 195A 225

1311.40 MODIFIED LIVE VIRUS 188

1319.20 MODIFIED LIVE & KILLED VIRUS,
COMBINATION PACKAGE 107

VACCINES AND VIRUSES

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA
VACCINE

1381.00	MODIFIED LIVE VIRUS	243A			
1381.20	MODIFIED LIVE VIRUS	107 225	112C 264	124 272	189
1381.30	MODIFIED LIVE VIRUS	195A	225		
1389.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107			

CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA-
PARVOVIRUS VACCINE

1401.20	MODIFIED LIVE VIRUS	112C	225	264
1401.23	MODIFIED LIVE VIRUS	264		
1401.30	MODIFIED LIVE VIRUS	264		
1409.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107		

CANINE DISTEMPER-MEASLES VACCINE

1351.20	MODIFIED LIVE VIRUS	189
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CANINE DISTEMPER-MEASLES-PARAINFLUENZA
VACCINE

13N1.20	MODIFIED LIVE VIRUS	189
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CANINE DISTEMPER-PARAINFLUENZA VACCINE

1391.20	MODIFIED LIVE VIRUS	107
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CANINE HEPATITIS VACCINE

1365.20	KILLED VIRUS	107
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CANINE PARAINFLUENZA VACCINE

1421.20	MODIFIED LIVE VIRUS	264	272
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VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CANINE PARAINFLUENZA-BORDETELLA BRONCHISEPTICA VACCINE</u>	
14M1.00	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	165A
14M1.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	124
	<u>COCCIDIOSIS VACCINE</u>	
1431.50	LIVE OOCYSTS	226A
	<u>DUCK VIRUS ENTERITIS VACCINE</u>	
1461.10	MODIFIED LIVE VIRUS	268
	<u>DUCK VIRUS HEPATITIS VACCINE</u>	
1481.10	MODIFIED LIVE VIRUS	268
	<u>ENCEPHALOMYELITIS VACCINE</u>	
1475.00	EASTERN, WESTERN, KILLED VIRUS	52 107 112 188
1475.01	EASTERN, WESTERN, KILLED VIRUS	112
1481.00	VENEZUELAN, MODIFIED LIVE VIRUS	107
1485.32	EASTERN, VENEZUELAN, KILLED VIRUS	107
1485.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107
	<u>EQUINE INFLUENZA VACCINE</u>	
1505.10	KILLED VIRUS	112 287
1505.20	KILLED VIRUS	52
	<u>EQUINE RHINOPNEUMONITIS VACCINE</u>	
1521.20	MODIFIED LIVE VIRUS	189
1525.20	KILLED VIRUS	112
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE</u>	

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
1541.00	AVIRULENT LIVE CULTURE	52 189	112	124	165A
<u>FELINE PANLEUKOPENIA VACCINE</u>					
1561.00	MODIFIED LIVE VIRUS	264			
1561.01	MODIFIED LIVE VIRUS	225	264		
1561.20	MODIFIED LIVE VIRUS	124	189	195A	
1561.21	MODIFIED LIVE VIRUS	124	225	264	272
1565.00	KILLED VIRUS	107 243A	165A 264	195A	225
1565.20	KILLED VIRUS	107 195A	112 225	165B 264	189 272
<u>FELINE PANLEUKOPENIA-RABIES VACCINE</u>					
1575.20	KILLED VIRUS	107			
1575.80	KILLED VIRUS	165B			
<u>FELINE PNEUMONITIS VACCINE</u>					
1581.20	MODIFIED LIVE CHLAMYDIA	195A			
<u>FELINE RHINOTRACHEITIS-CALICI VACCINE</u>					
16C1.20	MODIFIED LIVE VIRUS	107 225	124 264	189 272	195A
16C1.30	MODIFIED LIVE VIRUS	225			
<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA VACCINE</u>					
16D1.20	MODIFIED LIVE VIRUS	124	189	195A	
16D1.30	MODIFIED LIVE VIRUS	264			
16D5.20	KILLED VIRUS	112			
16D8.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	225	264	272
16D8.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	225	264		
16D9.20	MODIFIED LIVE & KILLED VIRUS	107	195A	225	272
16D9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	225	264		

VACCINES AND VIRUSES

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERS~~FELINE RHINOTRACHEITIS-CALICI-
PANLEUKOPENIA-PNEUMONITIS VACCINE~~

16E1.20	MODIFIED LIVE VIRUS & CHLAMYDIA, FELINE	195A
16E8.90	MODIFIED LIVE VIRUS & CHLAMYDIA, COMBINATION PACKAGE	225
16E9.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA	195A
16E9.90	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	225

~~FELINE RHINOTRACHEITIS-CALICI-
PANLEUKOPENIA-PNEUMONITIS-RABIES VACCINE~~

1610.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA	195A
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~~FELINE RHINOTRACHEITIS-CALICI-
PANLEUKOPENIA-RABIES VACCINE~~

16T5.81	KILLED VIRUS	112
16T9.20	MODIFIED LIVE & KILLED VIRUS	107 195A

~~FELINE RHINOTRACHEITIS-CALICI-PNEUMONITIS
VACCINE~~

16F1.90	MODIFIED LIVE VIRUS & CHLAMYDIA	225
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~~FELINE RHINOTRACHEITIS-PANLEUKOPENIA
VACCINE~~

16B9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	264
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EQUL LARYNGOTRACHEITIS VACCINE

1601.01	MODIFIED LIVE VIRUS	165A
1601.10	LIVE VIRUS	196
1601.11	MODIFIED LIVE VIRUS	195 196 226 243
1601.13	MODIFIED LIVE VIRUS	286 226

EQUL POX VACCINE

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1621.00	LIVE VIRUS	196 243 269
1621.01	LIVE VIRUS	269
1621.10	LIVE VIRUS	195 196 226 243
		286
1621.11	LIVE VIRUS	195
	<u>FOX ENCEPHALITIS VACCINE</u>	
1635.20	KILLED VIRUS	245
	<u>MAREK'S DISEASE VACCINE</u>	
1631.00	LIVE CHICKEN HERPESVIRUS	195 271 286
1641.00	LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	3 195 196 226 243 269 271 275 279 286
1641.01	LIVE TURKEY HERPESVIRUS, CELL FREE	3 165 165A 195 196 226 243 269 271 275 279
1641.03	LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	3
1641.04	LIVE TURKEY HERPESVIRUS, CELL FREE	3
1651.00	LIVE CHICKEN & TURKEY HERPESVIRUS	271 286
	<u>MEASLES VACCINE</u>	
1661.20	MODIFIED LIVE VIRUS	124
	<u>MINK DISTEMPER VACCINE</u>	
1451.00	MODIFIED LIVE VIRUS	165A 245
1451.01	MODIFIED LIVE VIRUS	165A 245
	<u>MINK ENTERITIS VACCINE</u>	
1685.00	KILLED VIRUS	245
	<u>NEWCASTLE DISEASE VACCINE</u>	
1705.10	KILLED VIRUS	196 269 286
1705.11	KILLED VIRUS	195 240

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
1711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	195 243	196 269	226 279	240 286
1721.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	165 240	195 243	196 269	226 286
1721.11	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	226	279	286	
1723.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	279			
1731.10	ROAKIN TYPE,LIVE VIRUS	240			

NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE

1745.10	KILLED VIRUS	240			
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NEWCASTLE-BRONCHIITIS VACCINE

1761.10	B1 TYPE,B1 STRAIN,FLORIDA TYPE, LIVE VIRUS	196			
1761.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195 243	196 279	226 286	240
1761.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195 243	196 286	226	240
1761.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	195 286	196	243	279
1761.14	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	195 286	226	243	279
1761.15	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	243			
1761.16	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	226	279		
1761.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	196	243	286	
1761.18	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196	226		
1761.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	226	243		
1761.18	B1 TYPE,B1 STRAIN,MASS & FLORIDA TYPES, LIVE VIRUS	196			
1761.1M	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	243			
1762.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279			
1762.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS, FROZEN	243			
1762.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	243	279		
1762.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279			
1762.1A	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	279			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
1762.1H	B1 TYPE, B1 STRAIN, MASS & CONN TYPES, LIVE VIRUS	279
1771.11	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS	195 196 240 286
1771.12	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS	195 243 286
1771.13	B1 TYPE, LASOTA STRAIN, CONN TYPE, LIVE VIRUS	286
1771.14	B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS	226 243 286
1771.17	B1 TYPE, LASOTA STRAIN, MASS & CONN TYPES, LIVE VIRUS	243 286
1771.18	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS	196 226
1771.19	B1 TYPE, LASOTA STRAIN, MASS TYPE, LIVE VIRUS	226 243
1773.10	B1 TYPE, B1 STRAIN, CONN TYPE, LIVE VIRUS	279
1775.10	B1 TYPE, B1 STRAIN, MASS TYPE, KILLED VIRUS	196
17A1.1A	B1 TYPE, B1 STRAIN, ARKANSAS TYPE, LIVE VIRUS	286
17A1.1M	B1 TYPE, B1 STRAIN, MASS & ARKANSAS TYPES, LIVE VIRUS	279 286
17A2.1M	B1 TYPE, B1 STRAIN, MASS & ARKANSAS TYPES, LIVE VIRUS	279
17A3.1M	B1 TYPE, B1 STRAIN, MASS TYPE & ARKANSAS TYPE, LIVE VIRUS	279
<u>OVINE ECTHYMA VACCINE</u>		
1821.00	LIVE VIRUS	188
1821.50	LIVE VIRUS	52
<u>PARAINFLUENZA 3 VACCINE</u>		
1841.00	MODIFIED LIVE VIRUS	107 188
<u>PARVOVIRUS VACCINE</u>		
18M1.00	MODIFIED LIVE VIRUS	264
18M1.20	MODIFIED LIVE VIRUS	112C 124 189 195A 225 243A 264 272 292
18M1.21	MODIFIED LIVE VIRUS	189 195A 264
18M5.20	KILLED VIRUS	107 195A 272

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
18M5.21	KILLED VIRUS	189
18P5.00	KILLED VIRUS	195
18P5.20	KILLED VIRUS	189 225 264
<u>PASTEURILLA HAEMOLYTICA VACCINE</u>		
1851.00	AVIRULENT LIVE CULTURE	269
<u>PASTEURILLA MULTOCIDA VACCINE</u>		
1871.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165A 195A 196 226A 280
1871.02	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165A 196
1871.05	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	196
1871.06	AVIRULENT LIVE CULTURE, BOVINE ISOLATES	189
<u>PIGEON POX VACCINE</u>		
1881.10	LIVE VIRUS	165 196 226 243 286
1881.11	LIVE VIRUS, PIGEONS ONLY	196
<u>PORCINE ROTAVIRUS VACCINE</u>		
19E1.20	MODIFIED LIVE VIRUS	281
<u>PORCINE ROTAVIRUS- TRANSMISSIBLE GASTROENTERITIS VACCINE</u>		
19H1.20	MODIFIED LIVE VIRUS	281
<u>PSEUDORABIES VACCINE</u>		
1891.20	MODIFIED LIVE VIRUS	124 189 264
1895.00	KILLED VIRUS	195
1895.20	KILLED VIRUS	52 189
<u>RABIES VACCINE</u>		
1901.03	MODIFIED LIVE VIRUS, HIGH CELL PASSAGE, SAO STRAIN	107 124 264

VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
1901.05	MODIFIED LIVE VIRUS, HIGH CELL PASSAGE, SAD STRAIN	124			
1901.22	MODIFIED LIVE VIRUS, HIGH EGG PASSAGE, FLURY STRAIN	189			
1901.23	MODIFIED LIVE VIRUS, HIGH CELL PASSAGE, SAD STRAIN	107			
1905.20	KILLED VIRUS	107 225	112C 264	189 288	195A 298
1905.21	KILLED VIRUS	107	189	298	
1905.51	KILLED VIRUS	112	165B		
1905.55	KILLED VIRUS	112	165B	277	
<u>RHINOTRACHEITIS VACCINE</u>					
1641.20	MODIFIED LIVE VIRUS	264			
<u>SENDAI VACCINE</u>					
1945.10	KILLED VIRUS	278			
<u>STREPTOCOCCUS GROUP F VACCINE</u>					
1941.00	AVIRULENT LIVE CULTURE	112			
<u>TENOSYNOVITIS VACCINE</u>					
1951.01	MODIFIED LIVE VIRUS	195	196	243	
1951.10	LIVE VIRUS	226			
1951.11	MODIFIED LIVE VIRUS	195			
1955.00	KILLED VIRUS	280			
<u>TRANSMISSIBLE GASTROENTERITIS VACCINE</u>					
1961.00	MODIFIED LIVE VIRUS	213			
1961.20	MODIFIED LIVE VIRUS	112	281		
<u>VESICULAR STOMATITIS VACCINE</u>					
1975.00	KILLED VIRUS	188			
1975.20	KILLED VIRUS	213			

VACCINES AND VIRUSES

CODE

PRODUCT AND FORMLICENSE NOS. OF PRODUCERS

1985.50

MARI VACCINE

KILLED VIRUS

52	112	112A	188
189	213	243A	

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

AEROMONAS SALMONICIDA BACTERIN

2035.00

277

AEROMONAS SALMONICIDA ENTERIC REDMOUTH BACTERIN

2036.00

277

AEROMONAS SALMONICIDA VIBRIO ANGUILLARUM BACTERIN

2037.00

277

AUTOGENOUS BACTERIN

2051.00

112	188	195	196
225	226A	240	245
277	285		

BORDETELLA BRONCHISEPTICA BACTERIN

2100.00

165A	189	195	225
264	272		
264	272		

2100.01

BORDETELLA BRONCHISEPTICA ERYSIPELOTHRIX RHUSIOPATHYAE BACTERIN

2103.00

189 195 272

BORDETELLA BRONCHISEPTICA ERYSIPELOTHRIX RHUSIOPATHYAE HAEMOPHILUS PLEUROPNEUMONIAE BACTERIN

2105.00

189

BORDETELLA BRONCHISEPTICA ERYSIPELOTHRIX RHUSIOPATHYAE HAEMOPHILUS PLEUROPNEUMONIAE PASTEURILLA MULLICIDA BACTERIN

2107.00

189

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

	BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURCELLA-MULTICIDA BACTERIN	
2101.00		165A 189 195 264 272

	BORDETELLA BRONCHISEPTICA- ESCHERICHIA COLI BACTERIN	
2112.00		264

	BORDETELLA BRONCHISEPTICA-LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN	
2104.00		189

	BORDETELLA BRONCHISEPTICA-PASTEURCELLA MULTICIDA BACTERIN	
2108.00		165A 189 195 225 243A 272 281

	CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN	
2401.00		52 112A 124 188 213 225 272
2401.01		124 188

	CLOSTRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA COLONIA BACTERIN	
2403.00		124

	CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURCELLA HAEMOLYTICA-MULTICIDA BACTERIN	
2460.00		52 112A 124 188 213 225 272
2460.01		188

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LICENSE NOS. OF PRODUCERS

188

52 107 112A 124
188 225

107 213

52 112

264 277 285

52	107	112A	124
165A	188	189	195
195A	196	213	225
243A	264	272	

188

189

189

PAGE 29

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2645.01	PORCINE ISOLATES	264
2645.03	AVIAN ISOLATES, TYPES 1, 3 & 4	196

ESCHERICHIA COLI BACTERIN

2648.00		287
2648.01		213
2648.03		264
2648.04		189
2648.08		195
2648.40		112 112A 225
2648.42		264
2648.43		165A
2648.44		195
2648.45		225
2648.46		196
2648.47		124
2648.48		225
2648.50		165A
2648.54		225

ESCHERICHIA COLI-PASTEURILLA HAEMOLYTICA-
MULTICIDA-SALMONELLA TYPHIMURIUM BACTERIN

2651.00		112 290
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ESCHERICHIA COLI-PASTEURILLA MULTICIDA-
SALMONELLA CHOLERAESUIS BACTERIN

2650.00		112 225
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HAEMOPHILUS GALLINARUM BACTERIN

2658.00		195
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HAEMOPHILUS PLEUROPNEUMONIAE BACTERIN

2657.00		189 225
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CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~HAEMOPHILUS SOMNUS BACTERIN~~

2659.00

124 225 272

~~HAEMOPHILUS SOMNUS-PASTEURELLA
HAEMOLYTICA-MULTICIDA BACTERIN~~

2660.00

124 225

~~HAEMOPHILUS SOMNUS-VIBRIO FETUS-
LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-
ICTEROHAE MORRHAGIAE-POMONA BACTERIN~~

2664.00

124

~~LEPTOSPIRA CANICOLA BACTERIN~~

2661.00

188

~~LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-
ICTEROHAE MORRHAGIAE-POMONA BACTERIN~~

2665.00

52 107 112 124
165A 188 189 195A
213 225 243A 264
272

2665.01

124 188 189 272

2665.02

189

~~LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-
ICTEROHAE MORRHAGIAE-POMONA-STAPHYLOCOCCUS~~

2666.00

124

~~LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-
ICTEROHAE MORRHAGIAE-POMONA BACTERIN~~

2668.00

195A

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE
BACTERIN

2671.00	52 107 112 112C 124 188 189 195A 225 243A 264 272
2671.01	264

LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE-
POMONA BACTERIN

2673.00	213
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LEPTOSPIRA GRIPPOTYPHOSA BACTERIN

2675.00	188
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LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA
BACTERIN

2681.00	107 112 124 188 189 225 264 272
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LEPTOSPIRA HARDJO BACTERIN

2687.00	189
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LEPTOSPIRA HARDJO-POMONA BACTERIN

2688.00	189
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LEPTOSPIRA POMONA BACTERIN

2691.00	52 107 112 124 188 189 213 225 243A 264 272
2691.01	188

LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-
MOLIOICOLA BACTERIN

2695.00	124
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CODE PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

MORAXELLA BOVIS BACTERIN

2772.00

165A 189

MYCOPLASMA GALLISEPTICUM BACTERIN

2774.00

195

MYCOBACTERIUM PARATUBERCULOSIS BACTERIN

2773.00

195A

PASTEURELLA ANATIPESTIFER BACTERIN

2698.00

268

PASTEURELLA HAEMOLYTICA-MULTOCIDA
BACTERIN

2700.00

52	107	112	124
188	213	225	243A
264	272		

PASTEURELLA HAEMOLYTICA-MULTOCIDA-
SALMONELLA-TYPHIMURIUM BACTERIN

2708.00

290

PASTEURELLA MULTOCIDA BACTERIN

2701.01

PORCINE ISOLATES

124 261

2701.22

BOVINE & PORCINE ISOLATES

188

2701.52

BOVINE & PORCINE ISOLATES

188

2702.13

AVIAN ISOLATES, TYPES 1, 3 & 4

195 196 226A 240

RAM EPIDIDYMITIS BACTERIN

2771.00

188

SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
2821.00		52	188		
2852.00	<u>STAPHYLOCOCCUS AUREUS BACTERIN</u>	124			
2855.00	<u>SIREPTOCOCCUS EQUI BACTERIN</u>	112			
2856.00	<u>SIREPTOCOCCUS EQUI M-PROTEIN EXTRACT</u>	107			
2858.01	<u>VIBRIO ANGUILLARUM BACTERIN</u>	285			
2858.02	BIVALENT CONCENTRATE	264	277	285	296
2861.00	<u>VIBRIO FETUS BACTERIN</u>	188			
2862.00	OVINE ISOLATES	52	112A	124	165A
	BOVINE ISOLATES	225	272		
2862.10	BOVINE ISOLATES	112	188	189	
2863.00	<u>VIBRIO FETUS-LEPTOSPIRA CANICOLA- GRIPPOTYPHOSA-HARDJO-ICTERUS HAEMORRHAGICAE- POMONA BACTERIN</u>	52	124	188	189
		225	272		
2863.10		112			
2869.00	<u>VIBRIO FETUS-LEPTOSPIRA GRIPPOTYPHOSA- HARDJO-POMONA BACTERIN</u>	124			
2869.10		112			

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

VIBRIO FETUS-LEPTOSPIRA POMONA BACTERIN

2865.00

52
225

112A 124 189

ANTISERUM

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-
PASTEURELLA HAEMOLYTICA-MULTILOCIDA-
SALMONELLA TYPHIMURIOUM ANTISERUM~~

3391.00 BOVINE ISOLATES & ORIGIN 188

~~CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-
PASTEURELLA MULTIOCTIDA-SALMONELLA
TYPHIMURIOUM ANTISERUM~~

3399.00 BOVINE ISOLATES & ORIGIN 124

3400.00 BOVINE ISOLATES & ORIGIN,CONCENTRATE 124

~~CORYNEBACTERIUM PYOGENES-PASTEURELLA
HAEMOLYTICA-MULTIOCTIDA ANTISERUM~~

3414.02 BOVINE & PORCINE ISOLATES, 188
BOVINE ORIGIN

~~CORYNEBACTERIUM PYOGENES-PASTEURELLA
MULTIOCTIDA ANTISERUM~~

3501.00 BOVINE ISOLATES & ORIGIN 188

3501.02 BOVINE & PORCINE ISOLATES, 188
BOVINE ORIGIN

3504.00 BOVINE ISOLATES & ORIGIN,CONCENTRATE 188

3504.02 BOVINE & PORCINE ISOLATES, 188
BOVINE ORIGIN,CONCENTRATE

~~DUCK VIRUS HEPATITIS YOLK ANTIBODY~~

3509.00 268

~~ERYSIPLOTHRIX RHUSIOPATHIAE ANTISERUM~~

3511.00 EQUINE ORIGIN 124 188

3514.00 EQUINE ORIGIN,CONCENTRATE 124

~~ESCHERICHIA COLI MONOCLONAL ANTIBODY~~

3525.00 284

ANTISERUM

CODE

PRODUCT AND FORMLICENSE NOS. OF PRODUCERS

~~ESCHERICHIA COLI-PASTEURELLA MULYOCIDA-~~
~~SALMONELLA TYPHIMURIUM ANTISERUM~~

3531.00

BOVINE ISOLATES & ORIGIN

188

NORMAL SERUM

3602.00

EQUINE ORIGIN

188

CODE	PRODUCT AND FORM	LICENSE NOS.	OF PRODUCERS
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4004.01	BORDETELLA BRONCHISEPTICA VACCINE- PASTEURELLA MULTOCYDA BACTERIN AVIRULENT LIVE CULTURE	124	
4009.20	BOVINE RHINOTRACHEITIS VACCINE- HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCYDA BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	
4019.00	BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA CANTONIA-GRIPPOTYPHOXA-HARDJO- INTERHAEMORRHAGIAE-POMONA BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	
4059.00	BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA GRIPPOTYPHOXA-HARDJO-POMONA BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	
4059.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272	
4089.00	BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA POMONA BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 264	188 213 243A
4089.01	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52	
4089.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	189 272
4119.20	BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA POMONA-PASTEURELLA-HAEMOLYTICA-MULTOCYDA BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS BACTERIN		

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS	
4135.00	KILLED VIRUS	124	
4139.20	MODIFIED LIVE VIRUS	124	
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-PASTEURCELLA HAEMOLYTICA-MULTICIDA-BACTERIN		
4165.00	KILLED VIRUS	124	
4169.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA- HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN		
4129.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO- POMONA-BACTERIN		
4179.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	
4179.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272	
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA-BACTERIN		
4209.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213
4209.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	272
4209.31	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52	
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA-PASTEURCELLA HAEMOLYTICA-MULTICIDA-BACTERIN		
4239.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	
	BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE-PASTEURCELLA-HAEMOLYTICA-MULTICIDA BACTERIN		

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4265.00	KILLED VIRUS	112 124
4265.20	KILLED VIRUS	112
4269.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213 243A 264
4269.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
BOVINE RHINOTRACHEITIS VACCINE- PASTEURILLA HAEMOLYTICA-MULTICIDA BACTERIN		
4299.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-HAEMOPHILUS SOMNUS-PASTEURILLA HAEMOLYTICA-MULTICIDA BACTERIN		
4319.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA- HARDJO-TICTEROHAEMORRHAGIAE-POMONA BACTERIN		
4339.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213
4339.20	MODIFIED LIVE VIRUS	189
BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO- POMONA BACTERIN		
4359.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4359.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN		
4389.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52 188 213 243A 264
4389.01	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A
4389.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189 272

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4389.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 189
4419.30	BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- VACCINE-LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA-BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
44H9.20	BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-HAEMOPHYLUS SOMNUS-BACTERIN MODIFIED LIVE VIRUS	272
44H9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
4459.30	BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-HAEMOPHYLUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
4439.00	BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CAVICOLA-GRIPPOTYPHOSA-HARDJO- ICTERHAEMORRHAGIAC-POMONA-BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213 243A
4439.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189 272
4439.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52 124 189
4479.00	BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA-BACTERIN MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4479.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
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~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS VACCINE-LEPTOSPIRA POMONA
BACTERIN~~

4509.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213 264
4509.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189 272
4509.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52 189

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS VACCINE-PASTEURRELLA
HAEMOLYTICA-MULTOCIDA BACTERIN~~

4535.20	KILLED VIRUS	112
4539.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213 243A 264
4539.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272

~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-
PARATUBERCULOSIS VACCINE-VIBRIO FETUS-
LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-
ICTERUSHAEMORRHAGICAE-POMONA BACTERIN~~

4560.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189 272
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~~BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA
VACCINE-PASTEURRELLA-HAEMOLYTICA-MULTOCIDA
BACTERIN~~

4429.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
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~~BOVINE ROIA-CORONAVIRUS VACCINE-
ESCHERICHIA COLI BACTERIN~~

4589.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
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~~BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA
POMONA BACTERIN~~

4599.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 189
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*** VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4599.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN	
4605.20	KILLED VIRUS	272
4609.20	MODIFIED LIVE & KILLED VIRUS	272
	CANINE CORONA-PARVOVIRUS VACCINE- LEPTOSPIRA BACTERIN	
4781.20	MODIFIED LIVE VIRUS	112C
	CANINE CORONAVIRUS VACCINE-LEPTOSPIRA BACTERIN	
4601.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112C
	CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE	
46A9.20	MODIFIED LIVE & KILLED VIRUS	272
	CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN	
49A9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	272
	CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE-LEPTOSPIRA BACTERIN	
4629.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4629.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
	CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA-LEPTOSPIRA BACTERIN	
4649.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189

CODE PRODUCT AND FORM LICENSE NOS. OF PRODUCERS

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN~~

4659.20	MODIFIED LIVE VIRUS	107	189
4659.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
PARAINFLUENZA-PARVOVIRUS VACCINE-
LEPTOSPIRA BACTERIN~~

4638.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	
4638.31	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	
4639.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	
4639.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	195A	
4639.40	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107	189

~~CANINE DISTEMPER-ADENOVIRUS TYPE 2-
PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN~~

4679.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	
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~~CANINE DISTEMPER-HEPATITIS VACCINE-
LEPTOSPIRA BACTERIN~~

4681.20	MODIFIED LIVE VIRUS	272	
4689.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107	112 243A
4689.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 264	124 272 189 225
4689.21	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107	
4689.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	225
4689.40	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	

~~CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA
VACCINE-BORDETELLA BRONCHISEPTICA
BACTERIN~~

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4789.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	264
	CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN	
4809.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A
4809.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 112C 124 189 225 264 272
4809.21	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
4809.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A 225
	CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA- PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN	
47P9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107 272
47P9.21	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112C 124 225 264
47P9.22	MODIFIED LIVE VIRUS	264
47P9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A
	CANINE HEPATITIS VACCINE-LEPTOSPIRA BACTERIN	
4825.20	KILLED VIRUS	107
	ENCEPHALOMYELITIS-INFLUENZA VACCINE- TETANUS TOXOID	
4835.41	EASTERN, WESTERN, KILLED VIRUS	112
4835.43	EASTERN, WESTERN, KILLED VIRUS	52
	ENCEPHALOMYELITIS VACCINE-TETANUS TOXOID	
4865.00	EASTERN, WESTERN, KILLED VIRUS	52 112
4865.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107
	EQUINE INFLUENZA VACCINE-TETANUS TOXOID	

*** VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4895.10	KILLED VIRUS	112 287
4895.20	KILLED VIRUS	52

~~ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE-
LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-
ICTEROHAE MORRHAGIAE-POMONA BACTERIN~~

4909.00	AVIRULENT LIVE CULTURE, COMBINATION PACKAGE	112 124 165A 189
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~~MINK DISTEMPER VACCINE-CLOSTRIDIUM
BOTULINUM TYPE C BACTERIN-TOXOID~~

4919.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	245
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~~MINK DISTEMPER-ENTERITIS VACCINE-
CLOSTRIDIUM BOTULINUM TYPE C
BACTERIN-TOXOID~~

4929.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A 245
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4959.30	MODIFIED LIVE & KILLED VIRUS	245
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~~MINK ENTERITIS VACCINE-CLOSTRIDIUM
BOTULINUM TYPE C BACTERIN-TOXOID~~

4955.00	KILLED VIRUS	165A 245
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4955.20	KILLED VIRUS	245
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~~PARAINFLUENZA 3 VACCINE-LEPTOSPIRA-POMONA
BACTERIN~~

4989.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
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~~PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN~~

4960.00	MODIFIED LIVE VIRUS	124 243A 264
4960.01	MODIFIED LIVE VIRUS	264
4965.20	KILLED VIRUS	107 189 195A 272

~~PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA-
GRIPPOTYPHOSA-HARDJO-ICTEROHAE MORRHAGIAE-
POMONA BACTERIN~~

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
4975.00	KILLED VIRUS, TISSUE CULTURE ORIGIN	195A
4975.20	KILLED VIRUS	189 225
	PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA- GRIPPITYPHOSA-HARDJO-ICTERORHAEMORRHAGIAE- POMONA BACTERIN	
4999.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4999.21	MODIFIED LIVE VIRUS	189
	TRANSMISSIBLE GASTROENTERITIS VACCINE- CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID	
4949.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
	TRANSMISSIBLE GASTROENTERITIS VACCINE- ESCHERICHIA COLI BACTERIN	
4988.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213

DIAGNOSTICS

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERSALEUTIAN DISEASE COUNTERELECTROPHORESIS
ANTIGEN

5005.00

245

AVIAN LEUKOSIS DIAGNOSTIC KIT

5007.00

291

BOVINE LEUKEMIA GLYCOPROTEIN
IMMUNODIFFUSION ANTIGEN &
REAGENT AND REFERENCE SERUMS

5505.20

264

BRUCELLA ABORTUS ANTIGEN

5011.00

STAINED ANTIGEN

107

CANINE BRUCELLOSIS AGGLUTINATION ANTIGEN &
REAGENT SERUM

5021.00

264

CANINE HEARTWORM TEST KIT

5023.00

295

CANINE PARVOVIRUS TEST KIT

5024.00

297

ECTROMELIA VIRUS ANTIBODY TEST KIT

5025.00

264 293

EQUINE INFECTIOUS ANEMIA IMMUNODIFFUSION
ANTIGEN & REAGENT SERUM

5515.20

264

	*** DIAGNOSTICS	***
CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
5029.00	FELINE LEUKEMIA VIRUS TEST KIT	264
5040.00	INFECTIOUS BURSAL DISEASE ANTIBODY TEST KIT	278
5051.00	LEPTOSPIRA CANICOLA ANTIGEN	112
5053.00	LEPTOSPIRA GRIPPOTYPHOSA ANTIGEN	112
5055.00	LEPTOSPIRA HARDJO ANTIGEN	112
5057.00	LEPTOSPIRA ICTERHAEMORRHAGIAE ANTIGEN	112
5059.00	LEPTOSPIRA POMONA ANTIGEN	112
5060.00	MINUTE VIRUS OF MICE ANTIBODY TEST KIT	293
5061.00	MOUSE HEPATITIS VIRUS ANTIBODY TEST KIT	293
5063.00	MURINE ENCEPHALOMYELITIS VIRUS ANTIBODY TEST KIT	293

DIAGNOSTICS

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERSMURINE MYCOPLASMA PULMONIS ANTIBODY
TEST KIT

5065.00

264 293

5065.01

293

MURINE VIRUS ANTIBODY SCREEN TEST KIT

5069.00

293

MYCOPLASMA GALLISEPTICUM ANTIGEN

5071.00

S-6 SEROTYPE, PLATE

195

MYCOPLASMA MELEAGRIDIS ANTIGEN

5072.00

H SEROTYPE, PLATE

195

MYCOPLASMA SYNOVIAE ANTIGEN

5073.00

S-SEROTYPE, PLATE

195

NEWCASTLE DISEASE ANTIBODY TEST KIT

5080.00

278

PNEUMONIA VIRUS OF MICE ANTIBODY TEST KIT

5090.00

293

5090.01

293

PULLORUM ANTIGEN

5201.00

MICROTEST

196

5206.00

STAINED ANTIGEN K POLYVALENT

195

5207.00

STAINED ANTIGEN POLYVALENT

196

5208.00

TUBE

196

DIAGNOSTICS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

RAT CORONAVIRUS SIALOOLACRYOADEMIIIS VIRUS
ANTIBODY TEST KIT

5240.00

293

REOVIRUS TYPE 3 ANTIBODY TEST KIT

5260.00

293

SENDAI VIRUS ANTIBODY TEST KIT

5280.00

264 293

5280.01

293

TUBERCULIN

5301.00

MAMMALIAN, HUMAN ISOLATES, INTRADERMIC

107

5302.00

PPD BOVIS, INTRADERMIC

107

TOXOPLASMA GONDII ANTIBODY TEST KIT

5285.00

299

ANTITOXINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
6101.00	ANTIIVENIN (CROTALIDAE) POLYVALENT	112B
6211.00	CLOSTRIDIUM PERFRINGENS TYPE C ANTIITOXIN	188 243A
6221.00	CLOSTRIDIUM PERFRINGENS TYPES C&D ANTIITOXIN EQUINE ORIGIN	124 188 243A
6201.00	CLOSTRIDIUM PERFRINGENS TYPE D ANTIITOXIN	188
6302.00	TETANUS ANTIITOXIN	52 107 112 165A

BACTERIN-TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM BOTULINUM TYPE C~~
~~BACTERIN-TOXOID~~

7010.00

165A 245

~~CLOSTRIDIUM CHAUVOEI SEPTICUM~~
~~BACTERIN-TOXOID~~

7030.00

107

~~CLOSTRIDIUM CHAUVOEI SEPTICUM-~~
~~HAEMOLYTICUM-NOVYI-SORDELLII~~
~~BACTERIN-TOXOID~~

7070.00

107

~~CLOSTRIDIUM CHAUVOEI SEPTICUM-~~
~~HAEMOLYTICUM-NOVYI-SORDELLII-LEPTOSPIRA~~
~~POMONA BACTERIN-TOXOID~~

7090.00

107

~~CLOSTRIDIUM CHAUVOEI SEPTICUM-~~
~~HAEMOLYTICUM-NOVYI-SORDELLII-PASTEURILLA~~
~~HAEMOLYTICA-MULTICIDA BACTERIN-TOXOID~~

7140.00

107

~~CLOSTRIDIUM CHAUVOEI SEPTICUM-~~
~~HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS~~
~~TYPES C&D BACTERIN-TOXOID~~

7160.00

52 107

~~CLOSTRIDIUM CHAUVOEI SEPTICUM-~~
~~HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS~~
~~TYPES C&D-LEPTOSPIRA POMONA-PASTEURILLA~~
~~HAEMOLYTICA-MULTICIDA BACTERIN-TOXOID~~

BACTERIN-TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
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7270.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-
HAEMOLYTICUM-NOVYI-TEJANI-PERFRINGENS
TYPES-CXD BACTERIN-TOXOID~~

7280.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-LEPTOSPIRA
POMONA BACTERIN-TOXOID~~

7310.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI
BACTERIN-TOXOID~~

7330.00

52	107	112A	124
188			

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
LEPTOSPIRA-POMONA BACTERIN-TOXOID~~

7360.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII BACTERIN-TOXOID~~

7390.00

52	107	112A	124
188	213	225	272

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-LEPTOSPIRA-POMONA
BACTERIN-TOXOID~~

7440.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-PASTEURILLA-HAEMOLYTICA-
MULTOCICA BACTERIN-TOXOID~~

7448.00

52

BACTERIN-TOXOIDS

CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-PERFRINGENS TYPES C&D
BACTERIN-TOXOID~~

7410.00

52 107 112A 124
225 272

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-
SORDELLII-PERFRINGENS TYPES C&D
HAEMOPHILUS SOMNUS BACTERIN-TOXOID~~

7423.00

124

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA
HAEMOLYTICA-MULIICIDA BACTERIN-TOXOID~~

7470.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII
BACTERIN-TOXOID~~

7500.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-
PASTEURELLA HAEMOLYTICA-MULIICIDA
BACTERIN-TOXOID~~

7530.00

107

~~CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-
PERFRINGENS TYPES C&D BACTERIN-TOXOID~~

7561.00

107

~~CLOSTRIDIUM HAEMOLYTICUM-NOVYI
BACTERIN-TOXOID~~

7590.00

107

BACTERIN-TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
7620.00	CLOSTRIDIUM HAEMOLYTICUM-NOVYI- PERFRINGENS TYPES C&D BACTERIN-TOXOID	107
7680.00	CLOSTRIDIUM NOVYI BACTERIN-TOXOID	188
7710.00	CLOSTRIDIUM NOVYI-SORDELLII BACTERIN-TOXOID	52
7750.00	CLOSTRIDIUM NOVYI-SORDELLII-PERFRINGENS TYPES C&D BACTERIN-TOXOID	107 124
7800.00	CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID	213 225
7870.00	CLOSTRIDIUM PERFRINGENS TYPES C&D BACTERIN-TOXOID	52 112 112A 213 225 272
7940.00	CLOSTRIDIUM PERFRINGENS TYPE D BACTERIN-TOXOID	52 112A 213 225
7850.00	ESCHERICHIA COLI BACTERIN-TOXOID	189

BACTERIN-TOXOIDS

CODEPRODUCT AND FORMLICENSE NOS. OF PRODUCERSSTAPHYLOCOCCUS AUREUS BACTERIN-TOXOID

7960.00

107

TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
8101.00		107
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D TOXOID</u>	
8201.00		107 112A 124
8201.01		112A
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D-TETANUS TOXOID</u>	
8304.00		124
	<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>	
8301.00		107 112 112A 124
	<u>CLOSTRIDIUM PERFRINGENS TYPE D-TETANUS TOXOID</u>	
8305.00		112
	<u>TETANUS TOXOID</u>	
8601.00		52 107 112 165A 188 225 287

MISCELLANEOUS PRODUCTS

CODE

PRODUCT AND FORMLICENSE NOS. OF PRODUCERSALLERGENIC EXTRACT

9521.00	HOUSE DUST	52A 259 270 283 294
9521.01	HOUSE DUST	52A
9522.01	MIXED RAGWEED	259 283 294
9522.02	MIXED TREES	52A 259 270 283 294
9522.03	MIXED GRASSES	52A 259 270 283 294
9522.04	MIXED WEEDS	52A 259 270 283 294
9522.06	MIXED TREES	52A
9522.07	MIXED GRASSES	52A
9522.08	MIXED WEEDS	52A
9523.00	MIXED MOLDS	52A 259 270 283 294
9523.01	MIXED MOLDS	52A
9524.00	MIXED INHALANTS	259 283 294
9525.00	FLEA ANTIGEN	259 283 294
9527.00	MIXED EPIDERMALS	52A 259 270 283 294
9527.01	MIXED EPIDERMALS	52A
9528.00	MIXED INSECTS	259 294
9529.00	MIXED FOODS	294
9531.00	PRESCRIPTION PRODUCT	259 270 283 294
9532.00	INTRADERMAL TEST KIT	259 283
9533.00	TREATMENT SETS	259
9535.00	TEST & TREATMENT SET	52A

FLEA ANTIGEN

9511.00	DESENSITIZING	52 52A
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MYCOBACTERIUM CELL WALL IMMUNOSTIMULANT

9300.00		289 300
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